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1 MBALM/1700: A microprogrammed LISP machine for the 77%



Burroughs B1726

M. L. Griss , M. R. Swanson

Proceedings of the tenth annual workshop on Microprogramming
October 1977

This paper describes the implementation of BALM and LISP processors for the Burroughs B1726 computer. The processors consist of an interpreter of MBALM pseudo-code (written in MIL), and a compiler from BALM or LISP to MBALM code (written in BALM or LISP). Of particular interest is the modular design of the interpreter, and the techniques used to evaluate and improve the size and speed of the machine. The current system is interactive, with incremental function compilation, compacting garbag ...

2 System architectures for computer music 77%



John W. Gordon

ACM Computing Surveys (CSUR) June 1985
Volume 17 Issue 2

Computer music is a relatively new field. While a large proportion of the public is aware of computer music in one form or another, there seems to be a need for a better understanding of its capabilities and limitations in terms of synthesis, performance, and